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Page 1 of 5

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1642

TECH CENTER 1600/2900



1600

RAW SEQUENCE LISTING

DATE: 07/18/2002

PATENT APPLICATION: US/09/648,310

TIME: 15:08:58

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\07182002\I648310.raw

ENTERED

4 <110> APPLICANT: Fisher, Paul B.

5 Kang, Dong-Chul

6 Su, Zao-Zhong

8 <120> TITLE OF INVENTION: Progression suppressed gene 12 (PSGen  
9 13) and uses thereof

11 <130> FILE REFERENCE: 34586 (070050.1668)

13 <140> CURRENT APPLICATION NUMBER: 09/648,310

14 <141> CURRENT FILING DATE: 2000-08-25

16 <160> NUMBER OF SEQ ID NOS: 6

18 <170> SOFTWARE: FastSEQ for Windows Version 4.0

20 <210> SEQ ID NO: 1

21 <211> LENGTH: 780

22 <212> TYPE: DNA

23 <213> ORGANISM: rattus norvegicus

25 <400> SEQUENCE: 1

26 ggcacgagct ctcctcgatcc cttcccttctt ccactgcaggc ctttcttta gccccaaacca 60

27 ctcccttctt ctgtttgttc ctcccttaggg cgccggaaagct gagtgtcagggtt ttcagaccacca 120

28 cgccggcggc agctcttcag tgaagaaggg agcaatcgga gggtcagcaa tgaacgtgg 180

29 gcatgagggtt aacctcctgg ttggaggaaat tcattgtctg ggttccaaaa atgccatgg 240

30 gaaactgagggt gtgaaggttt ggttccctttt ccaagacgac agatgtgcca atctctttga 300

31 agcgttggtg ggaactctga aagccgcaaa acgaagggaaat attgttacgt acgcaggaga 360

32 gctgcttttgc caaggtgttc atgatgtatgt tgacattgtt ttgctgcaag attaatgtgg 420

33 ttgcagatc tgggggtatc tggtaaactgtt gaataattaa gttaaaggac aaacatgaag 480

34 ttcttatgtt atttttatgtt acctttgtt acaaaaagggg acttggtagt aagtccctgtt 540

35 ttatcacctt ggagcaaaac attacaatgtt aaaaataaac aaaacctgtt atttttttttt 600

36 tcttaagaag gtaatcggtt gacgttaggtt ataaaaatgtt ttccagagggtt cgaaaaaagct 660

37 ttgttttctt taaaccattt ttgtctctg ccacacttga cactccgtca aagtggaaag 720

38 cgaactaaag accaactgctt gtggaaaata ttatgtttt gtaataaaaaaaa aaaatcatgt 780

41 <210> SEQ ID NO: 2

42 <211> LENGTH: 81

43 <212> TYPE: PRT

44 <213> ORGANISM: rattus norvegicus

46 <400> SEQUENCE: 2

47 Met Asn Val Glu His Glu Val Asn Leu Leu Val Glu Glu Ile His Arg

48 1 5 10 15

49 Leu Gly Ser Lys Asn Ala Asp Gly Lys Leu Ser Val Lys Phe Gly Val

50 20 25 30

51 Leu Phe Gln Asp Asp Arg Cys Ala Asn Leu Phe Glu Ala Leu Val Gly

52 35 40 45

53 Thr Leu Lys Ala Ala Lys Arg Arg Lys Ile Val Thr Tyr Ala Gly Glu

54 50 55 60

55 Leu Leu Leu Gln Gly Val His Asp Asp Val Asp Ile Val Leu Leu Gln

56 65 70 75 80

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57 Asp  
 61 <210> SEQ ID NO: 3  
 62 <211> LENGTH: 835  
 63 <212> TYPE: DNA  
 64 <213> ORGANISM: homo sapiens  
 66 <400> SEQUENCE: 3  
 67 ggcacgaggg ttgagcgcag aaacacttac tttcccccct accctgtcc tcctctcca 60  
 68 cagccgtctt tctcttgcc tcagccactt ctttccttcg ctcaccctc cccagtgcac 120  
 69 tgaagaaggta acccggtcc agacccacgc ggcgcagtt ctccggcggg aaggaaaaacc 180  
 70 gcgcagagag gcagcaatga atgtggatca cgaggttaac ctcttagtgg aggaaattca 240  
 71 tcgtttgggt tcaaaaaatg ctgatggaaa gttaaagcgtg aaatttgggg tcctcttccg 300  
 72 tcatgataaaa tgtgccaacc tctttgaagc attggtagga actcttaaag ctgcaaaacg 360  
 73 aaggaagatt gtaacatatac caggagagct gcttctgcaa ggtgttcatg atgatgttga 420  
 74 cattatatta ctgcaagatt aatgtggttt acatatctt atgtactgcc attttttgtt 480  
 75 tctggtaaac tggaaataaa agtggaaagaa caaacattt aacataactt atgtatttt 540  
 76 atagaacttt gtaaacgaaa ggagattcat gtttttagaag tctgtcctt tttatatctt 600  
 77 gaaagaaaat ctatgtatga tgcataaaa taaatcctat tattttctc aggaatctgg 660  
 78 ttaggaattt caggcaatga gatttttgc ggggcaggga tgggaatgtt tgttcataaaa 720  
 79 taatttagaca tttctatag atatttgaca ttctgcgaaa gcaacaagca aactgaagac 780  
 80 caactcctat gagaaatatt atgatgttta tgcataaaa acatgtact gtctt 835  
 82 <210> SEQ ID NO: 4  
 83 <211> LENGTH: 81  
 84 <212> TYPE: PRT  
 85 <213> ORGANISM: homo sapiens  
 87 <400> SEQUENCE: 4  
 88 Met Asn Val Asp His Glu Val Asn Leu Leu Val Glu Glu Ile His Arg  
 89 1 5 10 15  
 90 Leu Gly Ser Lys Asn Ala Asp Gly Lys Leu Ser Val Lys Phe Gly Val  
 91 20 25 30  
 92 Leu Phe Arg Asp Asp Lys Cys Ala Asn Leu Phe Glu Ala Leu Val Gly  
 93 35 40 45  
 94 Thr Leu Lys Ala Ala Lys Arg Arg Lys Ile Val Thr Tyr Pro Gly Glu  
 95 50 55 60  
 96 Leu Leu Leu Gln Gly Val His Asp Asp Val Asp Ile Ile Leu Leu Gln  
 97 65 70 75 80  
 98 Asp  
 102 <210> SEQ ID NO: 5  
 103 <211> LENGTH: 28  
 104 <212> TYPE: DNA  
 105 <213> ORGANISM: Artificial Sequence  
 107 <220> FEATURE:  
 108 <223> OTHER INFORMATION: synthetic oligonucleotide  
 110 <400> SEQUENCE: 5  
 111 tcgcttctca ctttgacgga gtgtgaag 28  
 113 <210> SEQ ID NO: 6  
 114 <211> LENGTH: 28  
 115 <212> TYPE: DNA  
 116 <213> ORGANISM: Artificial Sequence  
 118 <220> FEATURE:

BB72M  
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119 <223> OTHER INFORMATION: synthetic oligonucleotide

121 <400> SEQUENCE: 6

122 tgtcaagtgt ggcagagact aagaatgg

28

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/648,310

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Input Set : A:\PTO.VSK.txt

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